the surface of the objective material and preventing wrinkles from being formed on the film. The film roll holder includes a cylindrical body having a shaft hole axially holed in the cylindrical body; an annular groove circumferentially provided on each of both ends of the cylindrical body; and a plurality of elongated grooves axially provided around an outer surface of the cylindrical body to be spaced apart from each other at pre-determined intervals, and a There is a support blade unit inserted into each of the elongated grooves of the cylindrical body. The support blade unit has a plurality of support blades provided along an outside edge of the support blade unit; and a fitting notch provided at each of both ends of the support blade unit. The film roll holder further includes a rubber ring fitted over each of the annular grooves provided on both ends of the cylindrical body while being placed in the fitting notches of the support blade units, and a cover mounted to each of both ends of the cylindrical body by a plurality of mounting bolts, with a tapered surface provided on an outer end of the cover.